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(54) Title: POLYPROPYLENE HAVING IMPROVED LONG CHAIN BRANCHING			
(57) Abstract			
<p>Polypropylene having improved long chain branching increased melt strength obtained by irradiating polypropylene with an electron beam having an energy of at least 5 MeV and with a radiation dose of from 5 to 100 kGray in the presence of a grafting agent, the branching index of the obtained polypropylene being lower than 0.7.</p>			

**ABSTRACT**

**POLYPROPYLENE HAVING IMPROVED LONG CHAIN BRANCHING**

Polypropylene having improved long chain branching increased melt strength obtained by irradiating polypropylene with an electron beam having an energy of at least 5 MeV and with a radiation dose of from 5 to 100 kGray in the presence of a grafting agent, the branching index of the obtained polypropylene being lower than 0.7.